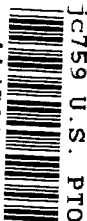


11/06/01



PTO SB/05 (08-00)

11-27-01

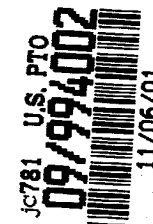
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†

Please type a plus sign (+) inside this box → ☐Approved for use through 10/31/2002. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.52(b))	Attorney Docket No.	DENSE-049A
	First Inventor	Glen E. Roeters
	Title	THERMAL RING USED IN 3-D STACKING
	Express Mail Label No.	EL 873335347 US



PTO SB/05 (08-00)

11/06/01

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB17)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>18</u>] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) 37 CFR 3.73(b) -Detailed Description -Claim(s) -Abstract of the Disclosure Copies of IDS Citations</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>2</u>]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>1</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>	<p>7. <input type="checkbox"/> CD-ROM or C-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27 (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies a computer program listing appendix</p> <p>ACCOMPANYING APPLICATION PARTS</p> <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Other: _____</p>

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part of prior application No.: _____ / _____
Prior application information: Examiner _____ Group/Art Unit: _____
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS			
X Customer Number or Bar Code Label <u>007663</u> or _____ Customer address below			
Name			
Address			
City	State	Zip Code	
Country			

Name (Print/Type)	Mark B. Garred	Registration No. (Attorney/Agent)	34,823
Signature			Date: <u>11/6/01</u>

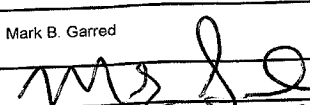
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FEE TRANSMITTAL for FY 2002 Patent fees are subject to annual revision.		Complete if Known		
		Application Number	Unknown	
		Filing Date	Herewith	
		First Named Inventor	Glen E. Roeters	
		Examiner Name	Unknown	
		Group Art Unit	Unknown	
TOTAL AMOUNT OF PAYMENT		(\$) <u>410.00</u>	Attorney Docket No.	DENSE-049A

METHOD OF PAYMENT		FEE CALCULATION (continued)			
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <u>19-4330</u> Deposit Account Name <u>Stetina Brunda</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES			
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other					
FEE CALCULATION					
1. BASIC FILING FEE					
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid		
101 740	201 370	Utility Filing fee			
106 330	206 165	Design Filing fee			
107 510	207 255	Plant Filing fee			
108 740	208 370	Reissue Filing fee			
114 160	214 805	Provisional Filing fee			
SUBTOTAL (1)			\$ 370.00		
2. EXTRA CLAIM FEES					
Total Claims <u>20</u> - 20** = <u>0</u> X <u>0</u> = <u>0</u>					
Independent Claims <u>3</u> - 3 = <u>0</u> X <u>0</u> = <u>0</u>					
Multiple Dependent					
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid		
103 18	203 9	Claims in excess of 20			
102 84	202 42	Independent claims in excess of 3			
104 280	204 140				
109 80	209 40				
110 18	210 9				
SUBTOTAL (2)			\$ 0.00		
**or number previously paid, if greater. For Reissues, see above					
		3. ADDITIONAL FEES (continued)			
		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
		105 130	205 65	Surcharge - late filing fee or oath	
		127 50	227 25	Surcharge -late provisional filing fee or cover sheet	
		139 130	139 130	Non-English specification	
		147 2,520	147 2,520	For filing a request for ex parte reexamination	
		112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
		113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
		115 110	215 55	Extension for reply within first month	
		116 400	216 200	Extension for reply within second month	
		117 920	217 460	Extension for reply within third month	
		118 1,440	218 720	Extension for reply within fourth month	
		128 1,960	228 980	Extension for reply within fifty month	
		119 310	219 155	Notice of Appeal	
		120 310	220 155	Filing a brief in support of an appeal	
		121 270	221 135	Request for oral hearing	
		138 1,510	138 1,510	Petition to institute a public use proceeding	
		140 110	240 55	Petition to revive-unavoidable	
		141 1,240	241 620	Petition to revive-unintentional	
		142 1,240	242 620	Utility issue fee (or reissue)	
		143 440	243 220	Design issue fee	
		144 600	244 300	Plant issue fee	
		122 130	122 130	Petitions to the Commissioner	
		123 50	123 50	Petitions related to provisional applications	
		126 180	126 180	Submission of Information Disclosure Statement	
		581 40	5 81 40	Recording each patent assignment per property (times number of properties)	\$40.00
		146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
		149 710	249 355	For each additional invention to be examined	
		179 710	279 355	Request for Continued Examination (RCE)	
		169 900	169 900	Request for expedited examination of a design application	
		Other fee (specify) _____			
		* Reduced by Basic Filing Fee Paid			
		SUBTOTAL (3)			\$ 40.00

SUBMITTED BY:

Name (Print/Type)	Mark B. Garred	Registration No. (Attorney/Agent)	34,823	Telephone	(949) 855-1246
Signature				Date	11/6/01

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SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231

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Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Kristen Stevens
Signature

1. Utility Patent Application Transmittal;
2. Fee Transmittal (in duplicate);
3. Specification (18 pages);
4. Drawings (2 pages);
5. Declaration;
6. Application Data Sheet;
7. Recordation Form Cover Sheet;
8. Assignments (2 pages);
9. 37 CFR 3.73(b) Statement;
10. Power of Attorney;
11. Check for \$410.00; and
12. Return Receipt Postcard

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

11/29/2001 MABDI1 00000036 09994002

01 FC:201 370.00 OP

PTO-1556
(5/87)